


Anvil No.E4/511 PPC, TiAlN, Ø f8 Dc / Rw: 12/200 mm

Order data

Order number	207526 12/200
GTIN	4062406130961
Item class	11X

Description
Version:

High-performance tool for **exceptionally efficient finish machining of free-form surfaces**. For outstanding surface qualities in a **very short machining time**. For use on modern 5-axis milling machines with CAD / CAM support.

The end face geometry is designed so that the chips, especially those formed by the end radius, are of optimum shape and have optimum evacuation characteristics. For this purpose the number of cutting edges is reduced to the number of effective end face cutting edges.

Recommendation:

We recommend 0.05 to 0.2mm as an allowance for finishing operations.

Note:

For machining walls and overcoming obstructions.

R_w represents the effective radius on the tool.

Cannot be reground!

No. of teeth Z: 8

Helix angle: 30 degrees

No. of teeth Z: 8

Flute length L_f : 22 mm

R_w effective radius: 200 mm

Corner radius RS_1 : 3 mm

Overall length L_{tot} : 90 mm

Shank Ø: 12 mm

Technical description

Cutter Ø D_c	12 mm
No. of teeth Z	8

R _w effective radius	200 mm
Correction factor f _z	1.25
Feed f _z for side milling in steel < 60 HRC	0.035 mm
Helix angle	30 degrees
Shank Ø	12 mm
Corner radius RS ₁	3 mm
Flute length L _s	22 mm
Overall length L _{tot}	90 mm
Feed f _z for copy milling in steel < 60 HRC	0.04 mm
Minimum tool overhang	22 mm
Coating	TiAlN
Tool material	Solid carbide
Norm	Manufacturer's standard
Type	N
Tolerance nominal Ø	f8
Direction of infeed	horizontal
Cutting width a _e for milling operation	0.05×D for side milling
Cutting width a _e for milling operation	0.05×D for side milling
Skaft	DIN 6535 HA to h6
Machining strategy	PPC
Colour ring	red

Services

Shank grinding Type HB	129100 HB
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